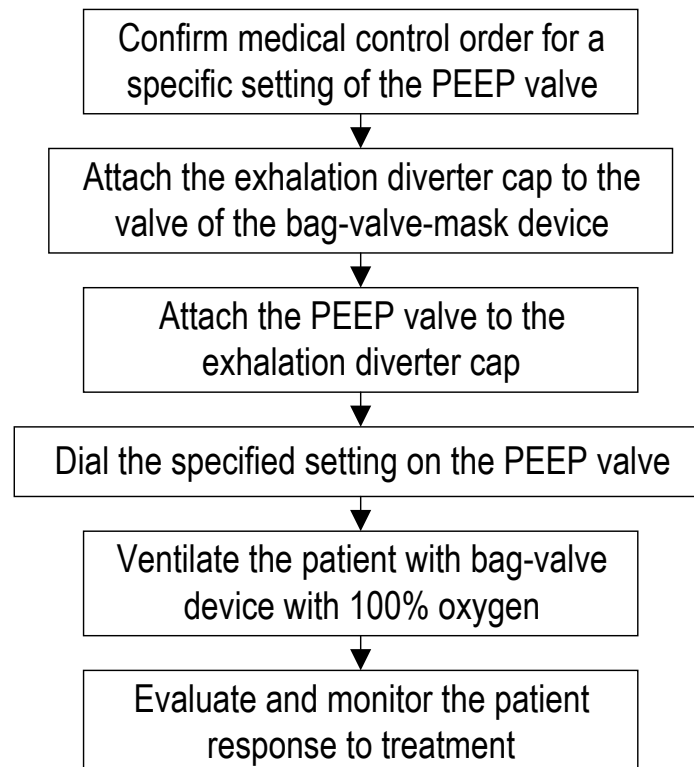


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**MILWAUKEE COUNTY EMS
PRACTICAL SKILL
APPLICATION OF POSITIVE
END EXPIRATORY (PEEP) VALVE**

Approved by: Ronald Pirrallo, MD, MHSA
Signature:
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Purpose: To increase back pressure in the airway during exhalation to help hold the alveoli and terminal bronchioles open, facilitating removal of carbon dioxide		Indications: Pulmonary edema Near-drowning Aspiration Inhalation injury	
Advantages: Increase in the partial pressure of oxygen in the alveoli improves oxygen transfer into the blood stream Maintains open alveoli to facilitate gas exchange	Disadvantages: Can increase the pressure in the airway enough to cause damage/rupture of airway structures	Complications: Simple Pneumothorax Tension pneumothorax Hypotension	Contraindications: Simple or tension pneumothorax



NOTES:

- The PEEP valve is most efficient when used in conjunction with an endotracheal tube. Unless CPAP mask with straps is used, it is almost impossible to maintain PEEP with a face mask.
- Monitor a patient with COPD or other restrictive lung disease (e.g. asthma, emphysema) carefully for signs of pneumothorax.